26/7/1 DIALOG(R) File 351: Derwent WPI (c) 2004 Thomson Derwent. All rts. reserv. 013445460 WPI Acc No: 2000-617403/*200059* Method for manufacturing cement roofing used in civil construction, involves adding micro silica which has predetermined density, along with volcanic ash, water and cement to fiber material Patent Assignee: ELKEM AS (ELRO); ELKEM ASA (ELRO) Inventor: DANIELSSEN T; UNDERWOOD W S; WILSON S R; YAMAMOTO K Number of Countries: 002 Number of Patents: 003 Patent Family: Patent No Kind Date Applicat No Kind Date Week NO 9901129 Α 20000911 NO 991129 Α. 19990308 200059 B JP 2001002458 A 20010109 JP 99218835 Α 19990802 200120 NO 312717 B1 20020624 NO 991129 Α 19990308 200248 Priority Applications (No Type Date): NO 991129 A 19990308; JP 99218835 A 19990802 Patent Details: Patent No Kind Lan Pq Main IPC Filing Notes NO 9901129 Α C04B-028/02 JP 2001002458 A 3 C04B-028/02 NO 312717 В1 C04B-028/02 Previous Publ. patent NO 9901129 Abstract (Basic): JP 2001002458 A NOVELTY - A fiber substance is obtained from a mixture of cement, water, and fiber material which does not contain asbestos. Micro silica and volcanic ash are added. The micro silica has bulk density of 425 -550 kg/m3. USE - The cement roofing is used in civil construction. ADVANTAGE - Bending strength and other characteristics are improved by adding micro silica to fiber material. pp; 3 DwgNo 0/0 Derwent Class: L02 International Patent Class (Main): C04B-028/02 International Patent Class (Additional): C04B-014/38; C04B-016/06; C04B-018/14; C04B-111-12; C04B-014-04; C04B-014-14; C04B-014-38; C04B-016-02; C04B-028/02

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